

described in Wu and Kaiser, Dec. 1997, J. Bact. 179(24):7748-7758, was mixed with PCR primers Seq1 and Mxpill primers:

Seq1: 5'-AGCGGATAACAATTTACACAGGAAACAGC-3' (SEQ ID NO:3); and

Mxpill: 5'-TTAATTAAGAGAAGGTTGCAACGGGGGGC-3' (SEQ ID NO:4),

and amplified using standard PCR conditions to yield an ~800 bp fragment. This fragment was cleaved with restriction enzyme KpnI and ligated to the large KpnI-EcoRV restriction fragment of commercially available plasmid pLitmus 28 (New England Biolabs). The resulting circular DNA was designated plasmid pKOS35-71B. --

Please replace the paragraph beginning at page 103, line 4, with the following rewritten paragraph:

-- The sequence of the *pilA* promoter in these plasmids is shown below (SEQ ID NO:5). --

Please replace the paragraph beginning at page 113, line 17, with the following rewritten paragraph:

-- To improve production of epothilones from these vectors, the *eryKS5* linker sequences were replaced by epothilone PKS gene coding sequences, and the vectors were introduced into *Streptomyces coelicolor* CH999. To amplify by PCR coding sequences from the *epoA* gene coding sequence, two oligonucleotides primers were used:

N39-73, 5'-GCTTAATTAAGGAGGACACATATGCCCGTCGTGGCGGATCGTCC-3' (SEQ ID NO:6);

and N39-74, 5'-GCGGATCCTCGAATCACCGCCAATATC-3' (SEQ ID NO:7).

The template DNA was derived from cosmid pKOS35-70.8A3. The ~0.8 kb PCR product was digested with restriction enzymes PacI and BamHI and then ligated with the ~2.4 kb BamHI-NotI and the ~6.4 kb PacI-NotI restriction fragments of plasmid pKOS039-120 to construct plasmid pKOS039-136. To make the expression vector for the *epoA*, *epoB*, *epoC*, and *epoD* genes, the ~5 kb PacI-AvrII restriction fragment of plasmid pKOS039-136 was ligated with the ~50 kb PacI-AvrII restriction fragment of plasmid pKOS039-124 to construct the expression plasmid pKOS039-124R. Plasmid pKOS039-124R has been deposited with the ATCC under the terms of the Budapest Treaty and is available under accession number

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